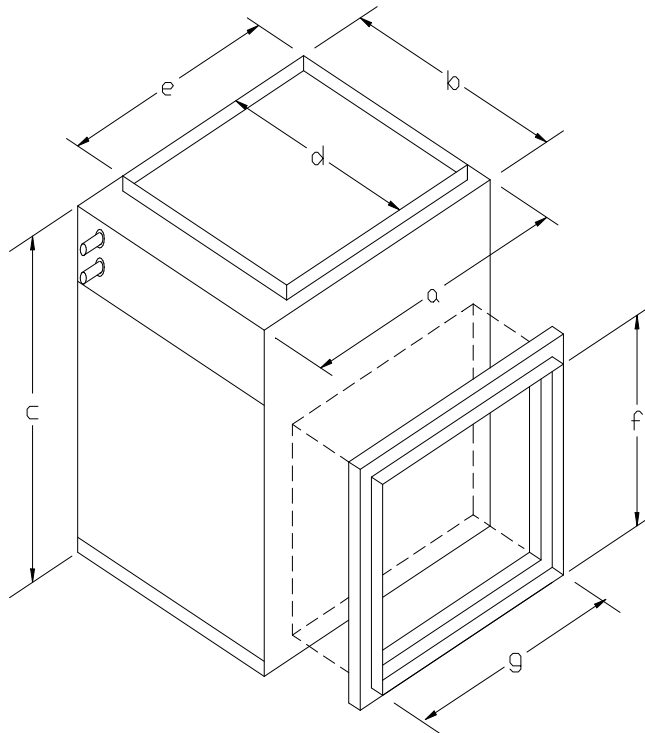


SUR or “Special Unit Replacement” for replacing under-performing high-velocity systems. Uses over-sized water coil, pump, blower and ¾ hp EC motor.



Physical Properties

Model Type	Cabinet dimensions			Supply air	Return air	water inlet and outlet	Shipping Weight
	a	b	c	d x e	f x g		
EDHV-100	22"	25"	53"	20"x20"	18"x23"	1"	120 lb.

- **Cooling unit controls:** pre-wired for easy installation.
- **Flexible mounting:** unit mounts in any direction -- up, down, horizontal discharge left or right.
- **Return air:** can be mounted on left or right side, bottom, or back of unit.
- **Easy servicing:** Heating coil slides out front; all parts accessible through the front.
- **Add-on cooling:** is easy with a slab coil or A coil in supply plenum.
- In excess of 1 in. w.c. ESP @ 1600 cfm and 2 in. w.c. ESP @ 1200 cfm (Note: ESP @800 cfm is only slightly higher than 2 in. w.c.)

Unit Specifications: Eco-Duct™ air handlers

MODEL	EDHV-100SUR		
	Nominal Airflow (CFM)	900 ¹	1200 ¹
Max. ESP (in.w.c.) ³	2.1	2.1	1.6
Heating Capacity (MBH) 100F water ⁴	25	31	36
Heating Capacity (MBH) 120F water ⁴	42	52	61
Heating Capacity (MBH) 140F water ⁴	60	74	86
Heating Capacity (MBH) 160F water ⁴	77	96	112
Heating Capacity (MBH) 180F water ⁴	95	118	138
(USGPM) Heating	11	11	11

Notes:

1. Factory default airflows staged as 33% for 15 minutes, 67% for the next 15 min. and 100% thereafter (for each thermostat call).
2. Other airflows/stages available by special order.
3. The EC motor/blower set will deliver the rated airflow for external static equal to **or less than** the maximum.
4. Capacity at 70F return air temp.